

Aeronautics Educator Guide			
2000 Science			
Model Academic Standards			
Wisconsin Science			
Grades K-4			
Activity/Lesson	State	Standards	
Air Engines (12-16)	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations
Air Engines (12-16)	WI	SCI.K-4.D.4.1	Understand that objects are made of more than one substance, by observing, describing and measuring the properties of earth materials, including properties of size, weight, shape, color, temperature, and the ability to react with other substances
Air Engines (12-16)	WI	SCI.K-4.D.4.4	Observe and describe changes in form, temperature, color, speed, and direction of objects and construct explanations for the changes
Where is North? The Compass Can Tell Us (87-90)	WI	SCI.K-4.C.4.3	Select multiple sources of information to help answer questions selected for classroom investigations
Dunked Napkin (17-22)	WI	SCI.K-4.A.4.1	When conducting science investigations, ask and answer questions that will help decide the general areas of science being addressed
Dunked Napkin (17-22)	WI	SCI.K-4.A.4.3	When investigating a science-related problem, decide what data can be collected to determine the most useful explanations
Dunked Napkin (17-22)	WI	SCI.K-4.A.4.4	When studying science-related problems, decide which of the science themes are important
Dunked Napkin (17-22)	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations
Dunked Napkin (17-22)	WI	SCI.K-4.C.4.3	Select multiple sources of information to help answer questions selected for classroom investigations
Dunked Napkin (17-22)	WI	SCI.K-4.C.4.5	Use data they have collected to develop explanations and answer questions generated by investigations
Dunked Napkin (17-22)	WI	SCI.K-4.C.4.7	Support their conclusions with logical arguments
Dunked Napkin (17-22)	WI	SCI.K-4.C.4.8	Ask additional questions that might help focus or further an investigation
Dunked Napkin (17-22)	WI	SCI.K-4.D.4.5	Construct simple models of what is happening to materials and substances undergoing change, using simple instruments or tools to aid observations and collect data
Paper Bag Mask (23-28)	WI	SCI.K-4.A.4.1	When conducting science investigations, ask and answer questions that will help decide the general areas of science being addressed

Wind in Your Socks) (29-35)	WI	SCI.K-4.D.4.4	Observe and describe changes in form, temperature, color, speed, and direction of objects and construct explanations for the changes
Wind in Your Socks) (29-35)	WI	SCI.K-4.D.4.5	Construct simple models of what is happening to materials and substances undergoing change, using simple instruments or tools to aid observations and collect data
Bag Balloons (40-43)	WI	SCI.K-4.A.4.1	When conducting science investigations, ask and answer questions that will help decide the general areas of science being addressed
Bag Balloons (40-43)	WI	SCI.K-4.C.4.1	Use the vocabulary of the unifying themes to ask questions about objects, organisms, and events being studied
Bag Balloons (40-43)	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations
Bag Balloons (40-43)	WI	SCI.K-4.C.4.8	Ask additional questions that might help focus or further an investigation
Sled Kite (44-51)	WI	SCI.K-4.D.4.1	Understand that objects are made of more than one substance, by observing, describing and measuring the properties of earth materials, including properties of size, weight, shape, color, temperature, and the ability to react with other substances
Right Flight (52-59)	WI	SCI.K-4.A.4.2	When faced with a science-related problem, decide what evidence, models, or explanations previously studied can be used to better understand what is happening now
Right Flight (52-59)	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations
Right Flight (52-59)	WI	SCI.K-4.D.4.5	Construct simple models of what is happening to materials and substances undergoing change, using simple instruments or tools to aid observations and collect data
Delta Wing Glider (60-68)	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations